

ZERO GRAVITY RESEARCH FACILITY

Lewis Research Center, Cleveland

This facility at the Lewis Research Center is the only one in the inventory of the National Aeronautics and Space Administration (NASA) where the physics of handling liquids in a zero-gravity environment are studied. Knowledge of characteristics of liquids in a low-gravity environment is essential in spacecraft design and crucial to the successful performance of high-energy, liquid-fuel spacecraft. Successful development of the Viking, Voyager, and Mariner spacecrafts was made possible by results of studies obtained here.